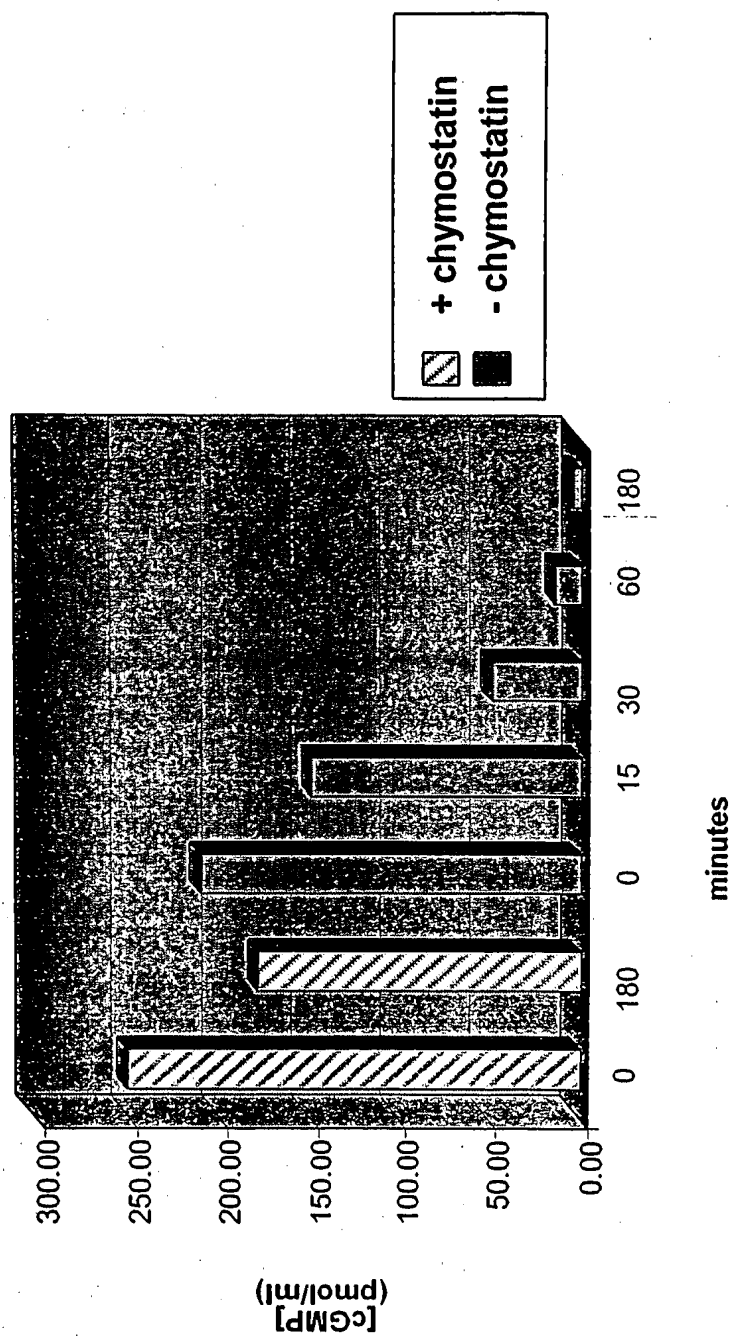Figure 1. Guanylin chymotrypsin sensitivity as determined by cGMP assay

Figure 2. Guanylin chymotrypsin sensitivity as determined by LCMS analysis
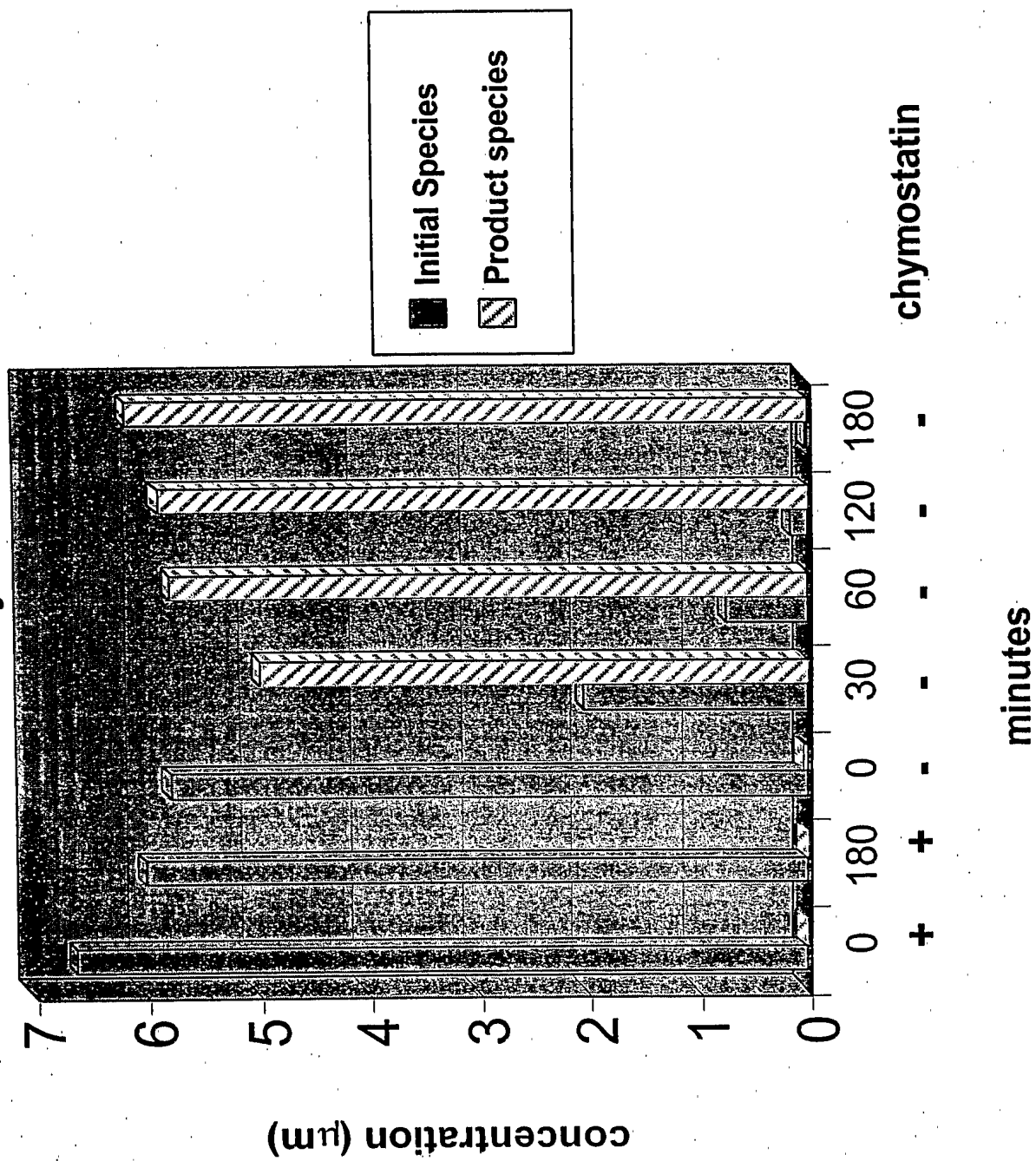
```
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys

Human Guanylin (SEQ ID NO:  )

--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
--- --- --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
--- --- Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
--- --- Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
```

FIG. 3

(sheet 1 of 17)

```
--- --- Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
--- --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly --- Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
```

FIG. 3

(sheet 2 of 17)

```
--- Gly --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys     (SEQ ID NO:     )
--- Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys     (SEQ ID NO:     )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
```

FIG. 3
(sheet 3 of 17)

```
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
```

FIG. 3

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```
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
--- Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
```

FIG. 3

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```
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys   (SEQ ID NO:      )
Pro --- --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
```

FIG. 3

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```
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro --- Thr Cys Gly --- Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
```

FIG. 3

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```
Pro --- Thr Cys Gly --- Ile Cys --- Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys --- Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala --- --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala --- Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr --- --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys --- --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys --- Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys --- Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala --- --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala --- Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr --- --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr·Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu Ile Cys --- --- --- Ala Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu Ile Cys --- --- Ala --- Cys Thr Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys --- Gly Cys   (SEQ ID NO:      )
Pro --- Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr --- Cys   (SEQ ID NO:      )
```

FIG. 3

(sheet 8 of 17)

```
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- --- --- Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:     )
Pro --- Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:     )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
Pro Gly --- Cys --- Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:     )
```

FIG. 3

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```
Pro Gly --- Cys --- Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
```

FIG. 3

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```
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr --- Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr Ala --- Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys --- --- Ala Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys --- Tyr --- Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys --- Tyr Ala --- Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys --- Tyr Ala Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala --- --- Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala --- Ala --- Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala --- Ala Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr --- --- Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr --- Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr Ala --- Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- --- --- Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- --- Ala --- Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- --- Ala Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr --- --- Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr --- Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr Ala --- Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys  (SEQ ID NO:      )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys  (SEQ ID NO:      )
```

FIG. 3
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```
Pro Gly --- Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr --- --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly --- Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
```

FIG. 3

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```
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
```

FIG. 3

(sheet 13 of 17)

```
Pro Gly Thr Cys --- Glu Ile Cys Ala --- --- --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- --- Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- --- Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- Ala --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- Ala --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr --- --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr --- --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys --- Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys --- Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys --- --- Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys --- Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys --- Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys --- Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys --- Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala --- Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala --- --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala --- Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala --- Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala --- Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr --- --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr --- Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr --- Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr Ala --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr Ala --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- --- Cys Ala Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
```

FIG. 3

(sheet 14 of 17)

```
Pro Gly Thr Cys Gly --- Ile Cys --- --- Ala Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- --- --- Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- --- Ala --- Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- --- Ala Ala Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- --- Ala Ala Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr --- Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr --- --- Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr --- Ala Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr --- Ala Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr Ala --- Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr Ala --- Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr Ala --- Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys --- --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys --- Tyr Ala Ala Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- --- Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- --- --- Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- --- Ala Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- --- Ala Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- Ala --- Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- Ala --- Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- Ala --- Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys --- --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala --- Ala Ala Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr --- --- Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr --- --- Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr --- --- Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys --- --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr --- Ala Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys --- --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala --- Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys --- --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly --- Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu --- Cys --- --- Ala Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu --- Cys --- --- --- Ala Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu --- Cys --- --- Ala --- Cys Thr Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu --- Cys --- --- Ala Ala Cys --- Gly Cys  (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu --- Cys --- --- Ala Ala Cys Thr --- Cys  (SEQ ID NO:     )
```

FIG. 3

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```
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys --- Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr --- --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr --- --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu --- Cys Ala Tyr Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- --- Ala Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- --- --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- --- Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- --- Ala Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- Ala --- Cys Thr Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- Ala --- Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- Ala --- Cys Thr --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys --- Gly Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys --- --- Cys    (SEQ ID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys --- --- Ala Ala Cys Thr --- Cys    (SEQ ID NO:    )
```

FIG. 3

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```
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr --- --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr --- --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr --- --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr --- Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys --- Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- --- --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- --- --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- --- --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- --- Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- Ala --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala --- Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr --- Ala Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala --- Cys Thr --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- Gly Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys --- --- Cys     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr --- Cys     (SEQ ID NO:     )
```

FIG. 3

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```
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQ IDNO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Cys Gly Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Glu Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala' Cys Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala' Tyr Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys    (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys    (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys    (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:  )
Pro Gly Xaa' Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
```

FIG. 4
(sheet 1 of 114)

Pro Gly Xaa' Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Cys Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Cys Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' (SEQID NO:)

FIG. 4
(sheet 2 of 114)

```
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Cys Ala Thr Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Tyr Ala Ala Cys Thr Gly Cys               (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys              (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys              (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys                      (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Cys Thr Gly Cys                      (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Cys Thr Gly Cys                      (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'                  (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Cys              (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Cys Thr Gly Cys Xaa'                 (SEQID NO:   )
```

FIG. 4
(sheet 3 of 114)

Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Gly Xaa' Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Gly Xaa' Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)

FIG. 4
(sheet 4 of 114)

Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys Xaa' Xaa' (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys Xaa' (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys Xaa' (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQ ID NO:)

FIG. 4
(sheet 5 of 114)

```
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'    (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'         (SEQID NO:    )
```

FIG. 4
(sheet 6 of 114)

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Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa'    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'    (SEQID NO:
Pro Gly Xaa' Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
```

FIG. 4

(sheet 7 of 114)

Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Gly Cys Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Gly Cys Xaa' (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Gly Cys Xaa' (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys Xaa' (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys Xaa' (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:)
Pro Gly Xaa' Thr Cys Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQ ID NO:)

FIG. 4
(sheet 8 of 114)

```
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Ile Xaa' Ala' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Ile Xaa' Cys Ala' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
```

FIG. 4

(sheet 9 of 114)

Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)

FIG. 4
(sheet 10 of 114)

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Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Gly Cys   (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Gly Cys   (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys             (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
```

FIG. 4
(sheet 11 of 114)

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Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Xaa' Ile Cys Ala Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Gly Cys Xaa'   (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys   (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys   (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys   (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys        (SEQID NO:
```

FIG. 4
(sheet 12 of 114)

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Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Ala Ala Cys Thr Gly Cys              (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Ala Ala Cys Thr Gly Cys              (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Ala Ala Cys Thr Gly Cys              (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys     (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys         (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'         (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys     (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys     (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:
```

FIG. 4
(sheet 13 of 114)

```
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa'       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys        (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys             (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala' Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala' Ala Cys Thr Gly Cys           (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Cys Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala' Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala' Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:    )
```

FIG. 4
(sheet 14 of 114)

```
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala' Ala Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:    )
```

FIG. 4
(sheet 15 of 114)

Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

FIG. 4
(sheet 16 of 114)

```
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Ala Ala Cys Thr Gly Cys              (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Xaa' Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
```

FIG. 4

(sheet 17 of 114)

```
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys         (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys          (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys          (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys          (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'          (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys               (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys               (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys               (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'               (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys                    (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Xaa' Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Gly Xaa' Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Gly Cys Xaa'                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Thr Xaa' Gly Cys                   (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Gly Cys                       (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys               (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Gly Xaa' Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'               (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys                    (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'          (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys               (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Xaa' Ala Ala Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Tyr Ala Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Xaa' Ala Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
```

FIG. 4

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Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys           (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys       (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Thr Gly Xaa' Cys           (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala' Ala Cys Thr Gly Cys Xaa'       (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys             (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys       (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys       (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys       (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys       (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys       (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa'  (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'       (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys             (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys             (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys        (SEQID NO:        )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys        (SEQID NO:        )
```

FIG. 4
(sheet 19 of 114)

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Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'           (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys                 (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys            (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'            (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                 (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'            (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'            (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'            (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'            (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys                   (SEQID NO:  )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:  )
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FIG. 4
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Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa  Cys Thr Xaa  Gly Cys       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys        (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa  Cys Thr Gly Cys  Xaa'       (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Thr Gly Cys            (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys   (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Xaa  Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Xaa Tyr Ala Ala Tyr  Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:    )
```

FIG. 4
(sheet 21 of 114)

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Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys              (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Xaa' Thr Gly Cys          (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys          (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys          (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys               (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Xaa' Thr Gly Cys          (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys          (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys                (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'           (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys               (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys                (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys                 (SEQID NO:   )
```

FIG. 4
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Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)

FIG. 4
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Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Xaa' Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' Xaa' Xaa' (SEQID NO:)

FIG. 4
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Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

FIG. 4
(sheet 25 of 114)

```
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Xaa' Glu Ile Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Glu Ile Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Xaa' Cys Gly Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
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FIG. 4
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Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa  Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Cys Thr Gly Cys                (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Cys Thr Gly Cys                (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'        (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                 (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys                 (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys                 (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'             (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
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FIG. 4
(sheet 27 of 114)

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Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys Xaa'  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:   )
```

FIG. 4
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Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Ala Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Ala Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Ala Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Ala Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Ala Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

FIG. 4
(sheet 29 of 114)

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQ ID NO:

FIG. 4
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```
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys    (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'    (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys         (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys        (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys        (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys Cys    (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys         (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Thr Xaa' Gly Cys        (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Thr Gly Xaa' Cys        (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa'    (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Xaa' Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Xaa' Xaa' Glu Ile Cys Ala Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:    )
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FIG. 4
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Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:   )
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FIG. 4
(sheet 32 of 114)

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Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
```

FIG. 4
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Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)

FIG. 4

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Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala' Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys       (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:  )
```

FIG. 4

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Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)

FIG. 4
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Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys  (SEQID NO:
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FIG. 4
(sheet 37 of 114)

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Xaa' Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:

FIG. 4

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Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys              (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Ala Gly Cys              (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Thr Gly Xaa' Gly Cys              (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Thr Gly Xaa' Gly Cys              (SEQID NO:    )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Gly Cys          (SEQID NO:    )
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Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala         Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala         Tyr Ala Ala Cys Thr Gly Xaa' Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala         Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala         Tyr Ala Ala Cys Thr Gly Xaa' Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala         Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala         Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala         Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Xaa' Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Xaa' Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Tyr Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Tyr Ala Ala Cys Thr Xaa' Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Tyr Ala Ala Cys Thr Xaa' Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Tyr Ala Ala Cys Thr Gly Xaa' Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa'    Tyr Ala Ala Cys Thr Gly Cys               (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Xaa' Ala Ala Cys Thr Gly Cys              (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Xaa' Ala Xaa' Ala Cys Thr Gly Cys         (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Xaa' Ala Cys Thr Gly Cys              (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Xaa' Ala Cys Thr Gly Cys              (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Xaa' Cys Thr Gly Cys              (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Cys Thr Xaa' Gly Cys              (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Cys Thr Gly Xaa' Cys              (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Cys Thr Gly Cys Xaa'              (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Xaa' Cys Thr Gly Cys Xaa'         (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Xaa' Xaa' Ala Cys Thr Gly Cys         (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Ala Cys Thr Xaa' Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Ala Cys Thr Gly Xaa' Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Ala Xaa' Xaa' Cys Thr Gly Cys     (SEQID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr     Ala Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:   )
```

FIG. 4

(sheet 40 of 114)

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Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa'         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                   (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Cys Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'         (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys                   (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys              (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys             (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'             (SEQ ID NO:   )
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys Cys          (SEQ ID NO:   )
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FIG. 4
(sheet 41 of 114)

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Thr Xaa' Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Thr Xaa' Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Xaa' Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Thr Gly Xaa' Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa'   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Xaa' Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Xaa' Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Xaa' Thr Gly Cys   (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys   (SEQID NO:)

FIG. 4
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Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Thr Cys Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Thr Xaa' Cys Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Thr Cys Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Thr Cys Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Thr Cys Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Thr Gly Cys Cys (SEQID NO:)
Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:)

FIG. 4
(sheet 43 of 114)

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Xaa' Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Xaa' Gly Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Xaa' Xaa' Cys (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' Xaa' (SEQ ID NO:

Pro Gly Thr Xaa' Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' Xaa' (SEQ ID NO:

FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                   (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                   (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Ala Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Ala Cys         (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala' Cys Thr Ala Cys             (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys         (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Ala Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa'             (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'         (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                   (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Ala Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Ala Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala' Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Cys Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Thr Gly Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Gly Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Cys                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly                  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'    (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                   (SEQID NO:  )
Pro Gly Thr Cys Xaa' Glu Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                   (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'         (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys         (SEQID NO:  )
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FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Ala Cys Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Ala Xaa' Cys Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Xaa' Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Xaa' Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Xaa' Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Xaa' Cys  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys Xaa'  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:   )
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FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Ile Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Ile Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys              (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Ile Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Ile Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Ile Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:      )
```

FIG. 4
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Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)

FIG. 4
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```
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys       (SEQID NO:  )
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FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Xaa' Ala  Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Xaa' Cys Thr Gly Cys       (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Xaa' Thr Gly Cys      (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Xaa' Gly Cys      (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Xaa' Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Gly Xaa' Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Xaa' Cys Ala Tyr Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Xaa' Ala Tyr Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Xaa' Tyr Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Xaa' Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Xaa' Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Xaa' Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Xaa' Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Xaa' Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Xaa' Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Gly Xaa' Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Xaa' Ala Tyr Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Xaa' Tyr Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Xaa' Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Xaa' Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Xaa' Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Xaa' Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Xaa' Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Xaa' Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Gly Xaa' Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Thr Gly Cys Xaa'  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Xaa' Ala Tyr Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Xaa' Tyr Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Xaa' Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Xaa' Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Xaa' Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Xaa' Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Cys Xaa' Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Xaa' Tyr Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Xaa' Ala Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Xaa' Ala  Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Xaa' Ala  Cys Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile  Cys Ala Tyr Ala Ala  Ala  Xaa' Thr Gly Cys      (SEQID NO:    )
```

FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Cys           (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys      (SEQID NO:   )
```

FIG. 4

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Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Ala Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Xaa' Cys Xaa' (SEQID NO:)

FIG. 4
(sheet 53 of 114)

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Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys  (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:
```

FIG. 4
(sheet 54 of 114)

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Pro Gly Thr Cys Xaa' Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'           (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                      (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Thr Gly Cys                     (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'        (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Cys         (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys             (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                 (SEQID NO:    )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                 (SEQID NO:    )
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FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys          (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys               (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
```

FIG. 4

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Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)

FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                         (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Cys                (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys                (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys            (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys            (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys            (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'            (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Cys                (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'                (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'                (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'                (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys                     (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'                (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys                      (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys                      (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys                      (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys                      (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys                      (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys                 (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys                 (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys                 (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys                 (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa'            (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys                 (SEQID NO:      )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'                 (SEQID NO:      )
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FIG. 4
(sheet 58 of 114)

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Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' Xaa'    (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys              (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys         (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Cys    (SEQID NO:  )
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys         (SEQID NO:  )
```

FIG. 4
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Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)

FIG. 4
(sheet 60 of 114)

Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Xaa' Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

FIG. 4
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Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:
Pro Gly Thr Cys Ala Xaa' Xaa' Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys           (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Xaa' Ile Cys Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:
```

FIG. 4

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```
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Tyr Ala Ala Xaa' Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Gly Xaa' Gly Cys (SEQID NO:          )
```

FIG. 4
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Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)

FIG. 4
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```
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys             (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys    (SEQID NO:   )
```

FIG. 4

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Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Ala Cys Thr Gly Cys (SEQID NO:
```

FIG. 4
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Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:
```

FIG. 4
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Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa'           Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Xaa'       Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa'            Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa'            Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa'            Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys                 (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa'                 (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys                 (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Xaa' Gly Xaa' Cys                (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Xaa' Gly Cys Xaa'                (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys                      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys                 (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'                 (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                           (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys               (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys                       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa' Ala Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                  (SEQID NO:   )
```

FIG. 4
(sheet 68 of 114)

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Xaa Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Xaa Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Xaa Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Xaa Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Xaa Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Xaa Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Xaa Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Xaa Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)

FIG. 4
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Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'     (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa'     Tyr Ala Ala Cys Thr Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys      (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa'     Tyr Xaa' Ala Ala Cys Thr Gly Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys      (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Cys              (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys              (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys              (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys                   (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Ala Ala Cys Thr Xaa' Gly Cys              (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Ala Ala Cys Thr Gly Xaa' Cys              (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys Xaa'              (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Cys Thr Gly Cys Xaa'              (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                    (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                    (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys               (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys          (SEQID NO:)
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FIG. 4
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Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys          (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys          (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa'          (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Cys Thr Xaa' Gly Cys               (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Thr Xaa' Gly Cys              (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Thr Gly Xaa' Cys              (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Thr Gly Cys Xaa'              (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Thr Gly Xaa' Cys Xaa'         (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Thr Gly Cys                   (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Cys Thr Xaa' Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Ala Xaa' Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Ala Xaa' Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Xaa Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys Xaa'      (SEQID NO:   )
```

FIG. 4

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Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:)

FIG. 4
(sheet 72 of 114)

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:

FIG. 4
(sheet 73 of 114)

Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Xaa' Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Ile Cys Ala Tyr Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

FIG. 4

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Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:

Pro Gly Thr Cys Gly Glu Xaa' Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:

FIG. 4
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Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:           )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:          )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO: )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO: )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:       )
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FIG. 4
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Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)

Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

FIG. 4

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Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

FIG. 4
(sheet 78 of 114)

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Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys         (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys         (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Xaa' Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Xaa' Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Gly Cys    (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Gly Cys         (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys    (SEQID NO:   )
```

FIG. 4
(sheet 79 of 114)

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Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Cys Xaa' Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Xaa' Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Xaa' Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Xaa' Cys Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Xaa' Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Xaa' Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys     (SEQID NO:  )
```

FIG. 4

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Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:

FIG. 4
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```
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'                        (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'                    (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys                              (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys                         (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys                         (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala' Cys Thr Gly Cys                        (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala' Ala Cys Thr Gly Cys                    (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys                    (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys               (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa'           (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'               (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Ala' Cys Thr Gly Cys                    (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Ala' Cys Thr Gly Cys                    (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys               (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'                    (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys                          (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Cys Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Cys Thr Gly Cys Xaa'               (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys                          (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys                          (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys                          (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'                    (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Cys Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Thr Cys Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Thr Gly Cys Xaa'                    (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Thr Gly Cys                          (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Thr Gly Cys Xaa'               (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Thr Gly Cys                     (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Xaa' Gly Cys Xaa'              (SEQ ID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Ala Xaa' Thr Gly Cys                          (SEQ ID NO:     )
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FIG. 4
(sheet 82 of 114)

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Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys Xaa'     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'          (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' Xaa'     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys              (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys          (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Ala Cys Thr Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys          (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys          (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys          (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Gly Cys Xaa'    (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Gly Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Xaa' Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Xaa' Cys     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys          (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' Cys (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' Xaa' (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys          (SEQID NO:        )
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FIG. 4
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Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO: )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Gly Cys (SEQID NO: )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO: )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO: )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Cys Gly Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:      )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Xaa' Thr Gly Cys Xaa' Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:            )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Gly Cys (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Gly Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:       )
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FIG. 4
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Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys                (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Xaa' Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                 (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys                 (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'                 (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa'            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys                 (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Xaa' Ile Xaa' Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Ile Xaa' Xaa' Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Tyr Ala Ala Tyr Ala Ala Cys Thr Gly Cys     (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Xaa' Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa' Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
```

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Xaa Cys Ala Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Ala Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Ala Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Ala Thr Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Ala Tyr Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Tyr Ala Ala Xaa' Cys Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Tyr Ala Ala Cys Xaa' Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Xaa' Xaa' Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Ala Thr Xaa' Xaa' Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Ala Thr Xaa' Thr Gly Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Thr Xaa' Thr Gly Xaa' Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Xaa' Ala Ala Tyr Ala Xaa' Thr Xaa' Thr Gly Cys Xaa'      (SEQID NO:  )
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FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:)

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Thr Xaa' Gly Cys           (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Thr Xaa' Gly Cys      (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Thr Gly Cys Xaa'      (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Thr Gly Xaa' Cys      (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Ala Ala Xaa' Thr Gly Cys           (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Xaa' Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:        )
```

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Ala Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Xaa' Xaa' Ala Thr Gly Cys (SEQID NO:

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)

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Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Gly Cys         (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys Xaa'        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'             (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa'             (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Gly Cys              (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Xaa' Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa'        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Xaa' Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' Xaa'   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                  (SEQID NO:   )
```

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Ala Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)

FIG. 4
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```
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'  (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Cys Thr Gly Cys             (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys                 (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys        (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:   )
```

FIG. 4

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Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Xaa' Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Xaa' Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Xaa' Ala Ala Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Xaa' Ala Ala Cys Thr Xaa' Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Xaa' Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Xaa' Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Xaa' Cys Thr Xaa' Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Ala Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Ala Cys Thr Xaa' Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Xaa' Tyr Ala Ala Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Ala Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Xaa' Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Xaa' Tyr Ala Ala Ala Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Ala Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys   (SEQID NO:

FIG. 4
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```
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Ala Ala Ala Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Ala Ala Ala Cys Thr Gly Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Xaa' Ala Ala Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Xaa' Ala Ala Cys Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Xaa' Ala Ala Cys Thr Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Xaa' Ala Ala Cys Thr Gly Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Xaa' Ala Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Xaa' Ala Cys Thr Gly Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Xaa' Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Xaa' Cys Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Xaa' Cys Thr Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Xaa' Cys Thr Gly Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Ala Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Ala Xaa' Thr Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Ala Xaa' Thr Gly Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Ala Cys Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Ala Cys Xaa' Gly Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Ala Ala Cys Thr Xaa' Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Xaa' Ala Ala Cys Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Gly Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Xaa' Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:
```

FIG. 4
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```
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys       (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys   (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys   (SEQID NO:       )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys       (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys  (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Thr Gly Cys           (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Thr Gly Cys           (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Thr Gly Cys           (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Thr Xaa' Gly Cys      (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Thr Gly Xaa' Cys      (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Thr Gly Cys Xaa'      (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys  (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'  (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Xaa' Cys Thr Gly Cys  (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Xaa' Cys Thr Gly Cys  (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Xaa' Xaa' Gly Cys Xaa'     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Xaa' Gly Cys (SEQID NO: )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO: )
```

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'     (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys           (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Xaa' Thr Gly Cys           (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Thr Gly Cys  (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Xaa' Gly Cys          (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys                (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys           (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys      (SEQID NO:  )
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Gly Cys  (SEQID NO:  )
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FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Xaa' Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Ala Cys Thr Gly Cys   (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Xaa' Thr Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa'      (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'       (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Ala Cys Thr Gly Cys            (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys                (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Ala Cys Xaa' Cys Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Ala Cys Thr Gly Cys           (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys  (SEQID NO:   )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Ala Ala Cys Thr Gly Cys       (SEQID NO:   )
```

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:)

FIG. 4
(sheet 102 of 114)

Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Cys Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Xaa' Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Ala Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa'     (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys           (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Gly Cys       (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Xaa' Cys      (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa'      (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa'      (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Xaa' Cys      (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Xaa' Cys Xaa' (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'           (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys                (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa'      (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Thr Gly Cys  (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Cys      (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Xaa' Cys (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys           (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa'      (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Xaa' Cys Xaa' (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys          (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys               (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa'          (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys          (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa'     (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys          (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys               (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Xaa' Thr Xaa' Xaa' Gly Cys         (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys     (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys Xaa'     (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa'     (SEQID NO:    )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa'          (SEQID NO:    )
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FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Xaa' Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Xaa' Xaa' Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Xaa' Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Ala Ala Cys Thr Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Xaa' Tyr Xaa' Xaa' Xaa' Ala Ala Ala Cys Thr Gly Cys (SEQID NO:)

FIG. 4
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```
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys          (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Xaa' Gly Cys     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Xaa' Cys     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa'     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys           (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Xaa' Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys      (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa'      (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Ala Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys          (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Xaa' Ala Cys Thr Gly Cys     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Xaa' Cys Thr Gly Cys     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Cys     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Xaa' Cys Thr Gly Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Xaa' Ala Cys Thr Gly Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Gly Cys      (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Xaa' Thr Gly Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys          (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Xaa' Gly Cys     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys               (SEQID NO:
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FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Xaa' Gly Xaa' Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Xaa' Gly Cys Xaa'     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Cys          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Xaa' Xaa' Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Xaa' Gly Xaa' Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Xaa' Gly Cys Xaa'     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa'          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa'     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Xaa' Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa'     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa'     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Xaa' Xaa' Cys Thr Gly Cys Xaa'     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Xaa' Thr Gly Cys          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Xaa' Thr Gly Cys          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys     (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Xaa' Thr Gly Cys          (SEQID NO:     )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa'     (SEQID NO:     )
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FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Xaa' Gly Cys        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Xaa' Gly Xaa' Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Xaa' Gly Cys Xaa'   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Xaa' Cys        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Xaa' Cys Xaa'   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa'        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa'        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa'        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa'        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Xaa' Thr Gly Cys Xaa'        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys             (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Xaa' Gly Cys        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Xaa' Gly Cys        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Xaa' Gly Cys        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Cys   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Xaa' Cys        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa'   (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Xaa' Gly Cys Xaa'        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys             (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Xaa' Cys Xaa'        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Xaa' Ala Ala Cys Thr Gly Cys Xaa'             (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa'        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys             (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Ala Cys Thr Gly Cys        (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Ala Cys Thr Gly Gly Cys    (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Ala Cys Xaa' Ala Cys Thr Gly Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Ala Cys Thr Gly Gly Cys    (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Ala Cys Xaa' Ala Xaa' Cys Thr Gly Gly Cys  (SEQID NO:        )
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Ala Xaa' Ala Cys Thr Gly Gly Cys  (SEQID NO:        )
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FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Xaa' Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:)

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Xaa' Thr Gly Cys Xaa'      (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Xaa' Cys      (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Xaa' Gly Cys Xaa'      (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Xaa' Cys      (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys Xaa'      (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa'           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Xaa' Cys      (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Xaa' Cys Xaa'      (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Xaa' Cys Thr Gly Cys Xaa' Xaa'      (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Xaa' Thr Gly Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Xaa' Gly Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Xaa' Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys Xaa'           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Xaa' Thr Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys                (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Xaa' Cys           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys Xaa'           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys                     (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa'           (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'                (SEQID NO:)
```

FIG. 4
(sheet 110 of 114)

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Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Gly Cys Xaa' Xaa'          (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys                     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Xaa' Cys                (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Xaa' Xaa' Cys           (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Xaa' Cys Xaa'           (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa'                (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Xaa' Cys Xaa' Xaa'           (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'                     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa'                (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa' Xaa' Xaa'           (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Gly Cys Xaa'                     (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Xaa' Cys Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Xaa' Thr Gly Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Xaa' Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Xaa' Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Thr Gly Cys             (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Thr Xaa' Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Thr Xaa' Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Thr Gly Cys             (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Xaa' Cys   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Xaa' Cys Thr Gly Cys Xaa'   (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Thr Gly Xaa' Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Thr Gly Xaa' Cys        (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Xaa' Ala Cys Thr Xaa' Cys Thr Gly Cys             (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Ala Xaa' Ala Cys Thr Gly Cys                  (SEQID NO:
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FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Xaa' Thr Xaa' Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Xaa' Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Cys Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Xaa' Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Xaa' Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Gly Xaa' Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Gly Xaa' Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Xaa' Xaa' Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Xaa' Thr Gly Cys (SEQID NO:

FIG. 4
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Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Xaa' Xaa' Thr Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Xaa' Thr Gly Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Cys Xaa' (SEQID NO:)
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:)

FIG. 4
(sheet 113 of 114)

Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Xaa' Xaa' Gly Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Xaa' Gly Xaa' Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Xaa' Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Xaa' Gly Xaa' Xaa' Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Xaa' Xaa' Xaa' Cys (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Xaa' Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' (SEQID NO:
Pro Gly Thr Cys Gly Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys Xaa' Xaa' (SEQID NO:

FIG. 4
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PGTCEICAYAAACTGC (human) (SEQ ID NO:)   PGTCAEICAYAAACTGC (SEQ ID NO:)

PGTCEICASAACTGC (SEQ ID NO:)   PGTCEAICAYAAACTGC (SEQ ID NO:)

PGTCEICATAACTGC (SEQ ID NO:)   PGTCEIACAYAAACTGC (SEQ ID NO:)

PGTCEICANAACTGC (SEQ ID NO:)   PGTCEICAAYAAACTGC (SEQ ID NO:)

PGTCEICAQAACTGC (SEQ ID NO:)   PGTCEICAYAAACTGC (SEQ ID NO:)

PGTCEICARAACTGC (SEQ ID NO:)   PGTCEICAYAACATGC (SEQ ID NO:)

PGTCEICAEAACTGC (SEQ ID NO:)   PGTCEICAYAACTAGC (SEQ ID NO:)

PGTCEICADAACTGC (SEQ ID NO:)   PGTCEICAYAACTGAC (SEQ ID NO:)

PGTCEICAGAACTGC (SEQ ID NO:)   PGTCAEICAAYAAACTGC (SEQ ID NO:)

PGTCEICAAAACTGC (SEQ ID NO:)   PGTCEAICAAYAAACTGC (SEQ ID NO:)

PGTCEICAMAACTGC (SEQ ID NO:)   PGTCEIACAAYAAACTGC (SEQ ID NO:)

PGTCEICAIAACTGC (SEQ ID NO:)   SHTCEICAFAACAGC (SEQ ID NO:)

PGTCEICALAACTGC (SEQ ID NO:)   STCEICAYAACAGC (SEQ ID NO:)

PGTCEICAVAACTGC (SEQ ID NO:)   PNTCEICAYAACTGC (SEQ ID NO:)

PGTCEICAHAACTGC (SEQ ID NO:)   PDPCEICANAACTGCL (SEQ ID NO:)

PGTCEGICAYAAACTGC (SEQ ID NO:)   YDECEICMFAACTGC) (SEQ ID NO:)

PGTCEIGCAYAAACTGC (SEQ ID NO:)   VCEICAFAACTGC (SEQ ID NO:)

PGTCEICGAYAAACTGC (SEQ ID NO:)   PDVCDVCAFAACSGC (SEQ ID NO:)

PGTCEICAGYAAACTGC (SEQ ID NO:)   LDLCEICAFAACTGC (SEQ ID NO:)

PGTCEICAYGAACTGC (SEQ ID NO:)   VDVCEICAFAACTGC (SEQ ID NO:)

PGTCEICAYAGAACTGC (SEQ ID NO:)   LDICEICAFAACTGC ((SEQ ID NO...   )

PGTCEICAYAAGCTGC (SEQ ID NO:)

PGTCEICAYAACGTGC (SEQ ID NO:)

PGTCEICAYAACTGGC (SEQ ID NO:)

FIGURE 5